

**ADDENDUM TO FACT SHEET
NPDES Permit No. WA-003197-6
Weyerhaeuser Smith Island Site
Permit Modification**

This document describes the proposed modifications to National Pollutant Discharge Elimination System (NPDES) Waste Discharge Permit No. WA-003197-6, issued to Weyerhaeuser Company (Permittee) on September 12, 2003. The Permittee filed an appeal of the permit to the Pollution Control Hearings Board (PCHB) on October 16, 2003, contesting sections of the permit as described below. A “Stipulation and Agreed Order of Dismissal,” issued on May 26, 2004, by the PCHB, and signed by the Permittee and Ecology, requires certain modifications to the permit.

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**SUMMARY OF PERMIT REPORT SUBMITTALS, S5., Page 4 and
S5. COMPLIANCE SCHEDULE, Page 14.**

- The submittal date for the *Engineering Report Plans and Specifications on Lift Station and Elimination of Outfall #005* was extended to April 9, 2004. The Permittee requested an extension on February 5, 2004, as a result of a delay in the closure improvements for the landfill, which directly affected the plans for the lift station and elimination of Outfall #005. This was a minor permit modification approved by Ecology on February 10, 2004.

**SUMMARY OF PERMIT REPORT SUBMITTALS, S5., Page 4 and
S7. RECEIVING WATER AND EFFLUENT STUDY, Pages 17 and 18.**

- The Permittee appealed a portion of S7. resulting in the *Receiving Water and Effluent Study Plan* not meeting the submittal date of November 1, 2003, in the permit. Ecology was required under the “Stipulation and Agreed Order of Dismissal” to extend the submittal date to August 1, 2004. In like manner, the submittal date for the *Receiving Water and Effluent Study Report* was extended to November 1, 2005.

S7. B. Receiving Water Analysis, Pages 17 and 18.

- The “Stipulation and Agreed Order of Dismissal” required Ecology to change the language under this section to allow the Permittee the option to either conduct a new receiving water sampling project for the receiving water analysis study, or use existing receiving water quality information, as approved by Ecology, for the purpose of addressing whether or not the effluent has a reasonable potential to cause a violation of water quality standards. In addition, the Permittee is allowed to use any approved EPA or SM method, rather than specifically SM 2520, to analyze the receiving water salinity.

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS, Page 6.

A. Landfill Leachate and Stormwater Discharges, Bullet 3.

- The “Stipulation and Agreed Order of Dismissal” added the discharge limitation that the Permittee only discharge effluent during a flood and ebbing tide.

S2. INTERIM MONITORING REQUIREMENTS, Pages 8, 9, 10, and 11.

A. Interim (at least one year) Wastewater Characterization Monitoring Schedule, Table 2, Pages 8, 9, and 10.

- The “Stipulation and Agreed Order of Dismissal” required adding language to footnote⁽¹⁾ to allow the Permittee the option to use other approved EPA or SM methods, rather than the specific methods required by Ecology in the previous permit. Specific methods were removed from all of the footnotes and new language was added to clarify that the Permittee is required to meet the specific MDL’s and QL’s given in the footnotes for each parameter of the wastewater effluent.
- The “Stipulation and Agreed Order of Dismissal” required adding language to footnote⁽²⁾ that allows the Permittee to use an Ecology-approved calculation method in lieu of continuous flow monitoring to determine the volume of effluent discharged from Outfall #001.

C. Flow Measurement, Page 11.

- Consistent with footnote⁽²⁾ above, the “Stipulation and Agreed Order of Dismissal” required adding language to this section that clarifies that the Permittee may use an Ecology-approved calculation method in lieu of continuous flow monitoring to determine the volume of effluent discharged from Outfall #001.

S4. SOLID WASTE CONTROL, Pages 13 and 14.

C. Solid Waste Management, Page 14.

- At the request of the Permittee, minor permit modifications were made to the first sentence in this section by removing the word “Woodwaste” from “Weyerhaeuser Smith Island Woodwaste Landfill,” and inserting the words “pulp mill” in place of “Mill” after “Kraft.”

S6. EFFLUENT MIXING STUDY, Pages 15, 16, and 17.

A. General Requirements, Page 15.

- The “Stipulation and Agreed Order of Dismissal” required adding language to the first paragraph of this section to clarify for the Permittee what mixing zone boundaries should be considered for the Effluent Mixing Study since the effluent discharge point occurs in a side channel to the receiving water. Because the regulations do not provide for an interim mixing zone, this language will enable the Permittee to provide Ecology with a dilution ratio for the receiving water based on a simple calculation. Ecology will use the dilution ratio to recalculate the pH limit, which is the only water quality-based limit in the permit, and therefore the only effluent limit that would be affected by a mixing zone.
- At the request of the Permittee, a minor permit modification was made to the second sentence of the third paragraph in this section by removing the word “industrial” to more accurately describe the effluent discharging at this site. As explained in the **S9. CHRONIC TOXICITY** section, chronic toxicity testing is not required in the permit. Therefore, the Permittee will not be required to determine a chronic boundary if a mixing zone analysis is conducted. Therefore, at the request of the Permittee, a minor permit modification was made to the third paragraph in this section by removing sentences three and four, which provided irrelevant requirements for analyses of critical condition scenarios and flow rates at the chronic boundary.

B. Reporting Requirements, Page 16.

- At the request of the Permittee, a minor permit modification was made to the last sentence of the third paragraph in this section by inserting the phrase “or grant a mixing zone pursuant to this section.” This viable option to meet state water quality standards was omitted from the permit.

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***EFFLUENT LIMITATIONS*, Pages 12 and 13.**

- An error was made in the last sentence of the third paragraph on page 12 of the fact sheet, which states that all of the interim effluent limits are technology-based. All of the interim effluent limits are technology-based except for pH, which is water quality-based.

PUBLIC NOTICE

The proposed changes made in this permit are considered to constitute a major modification under 40 CFR 122.62. Consequently, the draft permit modification is required to be published for a thirty (30)-day public review and comment period. This modification will be published in the *Everett Herald*. The final modification is contingent upon the outcome of the public review and comment period.